

B.Tech. Degree IV Semester Examination, April 2009

CE 406 A/B CONSTRUCTION ENGINEERING AND MANAGEMENT I (2006 Scheme)

Time: 3 Hours

Maximum Marks: 100

PART – A

(Answer **ALL** questions)

(8 x 5 = 40)

- I
- a) Define under pinning. State any two situations that need under pinning.
 - b) Discuss the spacing of yokes in the form work.
 - c) Briefly explain the four factors of production and their peculiarities.
 - d) Describe the functions of Money.
 - e) Define Authority and Responsibility. Can we delegate Authority? Give two reasons to support your answer.
 - f) Define EOQ and list the assumptions made to calculate EOQ.
 - g) Explain MBO.
 - h) Describe ABC analysis and its role in inventory management.

PART – B

(4 x 15 = 60)

- II Define Shoring. Explain any three types with neat sketches. (15)
- OR**
- III
- a) State any five requirements of good form work. (5)
 - b) Explain the form work for (i) Beam and Floors (ii) Columns with neat sketches. (10)
- IV
- a) The Market demand and supply equation for a commodity $Q_d = 100 - 20P$; $Q_s = 50 + 30P$. Calculate the equilibrium market price assuming market is perfectly competitive. (5)
 - b) Explain the equilibrium of a firm using marginal cost and marginal revenue curves. (10)
- OR**
- V
- a) Explain the functions of Bank. (5)
 - b) Describe the monetary policy of Reserve Bank of India. (5)
 - c) Describe the methods of calculating national income. (5)
- VI
- a) Define Organisational change and Organisational Conflict. (5)
 - b) Explain how to manage the changes and conflicts. (10)
- OR**
- VII List the various types of Organisation and explain any *three* types. (15)
- VIII
- a) Define Material Management including all its functions. (5)
 - b) Explain any *three* functions in detail. (10)
- OR**
- IX
- a) List the various models of EOQ and explain one. (10)
 - b) Describe the ways to reduce inventory at WIP (Work in Progress) in a construction company. (5)

